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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended November 4, 1988 NO. 44

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/04/88	Last Week Ending: 10/28/88	Last Year Week Ending: 11/06/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,206	13,029	12,745	177	461
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	82.9	81.8	81.2		
Motor Gasoline					
Total motor gasoline production	6,985	6,957	6,470	28	515
Finished leaded motor gasoline production	1,174	1,081	1,432	93	-258
Finished unleaded motor gasoline production	5,811	5,876	5,038	-65	773
Total motor gasoline stocks	213,575	214,570	218,372	-995	-4,797
Finished leaded motor gasoline stocks	38,313	38,075	51,814	238	-13,501
Finished unleaded motor gasoline stocks	138,683	139,316	129,522	-633	9,161
Jet Fuel Kerosine					
Jet fuel kerosine production	1,167	1,123	1,183	44	-16
Jet fuel kerosine stocks	41,043	41,469	43,706	-426	-2,663
Distillate Fuel Oil					
Distillate fuel oil production	2,862	2,790	2,844	72	18
Distillate fuel oil stocks	128,035	128,786	121,985	-751	6,050
Residual Fuel Oil					
Residual fuel oil production	788	877	869	-89	-81
Residual fuel oil stocks	40,900	40,105	46,052	795	-5,152
Imports					
Crude oil imports	6,113	4,990	5,950	1,123	163
Product imports	2,719	2,491	2,081	228	638
Crude Oil Stocks					
Crude oil stocks	339,232	333,262	354,203	5,970	-14,971
Crude Supply Balance	-55				

*See definitions on page 6.

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FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 69 For Week Ended November 4, 1988 NO. 44

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,394	1,152	1,157	1,380	83.8
Appal. No. 1	106	100	103	107	96.3
DISTRICT 1 TOTAL	1,500	1,252	1,260	1,487	84.7
Ind., Ill., Ky.	2,004	2,032	2,040	2,254	90.5
Minn., Wisc., Daks.	296	292	292	312	93.6
Okla., Kans., Mo.	760	640	648	718	90.3
DISTRICT 2 TOTAL	3,060	2,964	2,980	3,284	90.7
Inland Texas	511	465	477	569	83.8
Texas Gulf Coast	3,396	3,058	3,058	3,580	85.4
La. Gulf Coast	2,366	2,222	2,266	2,908	77.9
N. La. and Ark.	146	126	131	252	52.0
New Mexico	86	68	68	76	89.5
DISTRICT 3 TOTAL	6,505	5,939	6,000	7,385	81.2
DISTRICT 4 TOTAL	463	424	426	535	79.6
DISTRICT 5 TOTAL	2,648*	2,473	2,540	3,231	78.6
TOTAL U.S.	14,176	13,052	13,206	15,922	82.9
TOTAL U.S. Weeks Ended:					
OCT. 28, 1988	14,262*	12,891	13,029	15,922	81.8
NOV. 6, 1987	13,972	12,647	12,745	15,697	81.2
DISTRICTS 1-4 Weeks Ended:					
NOV. 04, 1988	11,528	10,579	10,666	12,691	84.0
OCT. 28, 1988	11,695	10,433	10,510	12,691	82.8
NOV. 6, 1987	11,443	10,365	10,463	12,438	84.1

* See revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended November 4, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	704	72	632	36	46	274	143
Appal. No. 1	37	3	34	--	--	33	4
DISTRICT 1 TOTAL	741	75	666	36	46	307	147
Ind., Ill., Ky.	1,102	125	977	13	103	483	48
Minn., Wisc., Daks.	171	44	127	--	15	78	9
Okla., Kans., Mo.	362	101	261	8	49	189	12
DISTRICT 2 TOTAL	1,635	270	1,365	21	167	750	69
Inland Texas	305	77	228	24	25	118	16
Texas Gulf Coast	1,711	202	1,509	25	329	613	190
La. Gulf Coast	1,078	198	880	28	280	418	65
N. La. and Ark.	44	14	30	7	5	44	12
New Mexico	47	13	34	4	2	18	--
DISTRICT 3 TOTAL	3,185	504	2,681	88	641	1,211	283
DISTRICT 4 TOTAL	257	76	181	11	26	118	11
DISTRICT 5 TOTAL	1,167*	249	918*	49	287	476	278
TOTAL U.S.	6,985	1,174	5,811	205	1,167	2,862	788
TOTAL U.S. Weeks Ended:							
OCT. 28, 1988	6,957*	1,081	5,876*	225	1,123	2,790	877
NOV. 6, 1987	6,470	1,432	5,038	252	1,183	2,844	869
DISTRICTS 1-4 Weeks Ended:							
NOV. 04, 1988	5,818	925	4,893	156	880	2,386	510
OCT. 28, 1988	5,751	808	4,943	174	816	2,446	509
NOV. 6, 1987	5,504	1,198	4,306	182	885	2,515	465

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	3,305	206	3,098	1	157	430	9,090	650	--
Central Atlantic	24,912	3,536	17,162	4,214	627	4,121	33,401	13,817	10,987
Lower Atlantic	29,993	5,327	24,370	296	433	6,089	14,063	3,379	462
DISTRICT 1 TOTAL	58,210	9,069	44,630	4,511	1,217	10,640	56,554	17,846	11,449
DISTRICT 2 TOTAL	57,435*	11,389	38,518*	7,528	760	7,614	27,891	3,042	16,323
DISTRICT 3 TOTAL	62,132*	9,771	37,398*	14,963	2,287	14,577	29,721	11,279	52,418
DISTRICT 4 TOTAL	6,113	1,674	2,884	1,555	366	783	2,497	611	1,839
DISTRICT 5 TOTAL	29,685*	6,410	15,253	8,022*	1,797	7,429	11,372	8,122	27,672*
TOTAL U.S.	213,575	38,313	138,683	36,579	6,427	41,043	128,035	40,900	109,701
TOTAL U.S. Weeks Ended:									
OCT. 28, 1988	214,570*	38,075	139,316*	37,179*	6,409	41,469	128,786	40,105	109,068*
NOV. 6, 1987	218,372	51,814	129,522	37,036	7,146	43,706	121,985	46,052	104,279
DISTRICTS 1-4 Weeks Ended:									
NOV. 04, 1988	183,890	31,903	123,430	28,557	4,630	33,614	116,663	32,778	82,029
OCT. 28, 1988	185,027*	31,648	124,009*	29,370	4,747	34,442	117,302	31,911	80,235
NOV. 6, 1987	190,008	44,846	115,199	29,963	5,578	36,773	111,436	37,736	79,979

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended November 4, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 04, 1988	4,951.0	5,079.0	5,871	713	257,176
OCT. 28, 1988	4,951.0	--	4,827*	698	251,085
OCT. 21, 1988	4,951.0	--	4,961	738	250,741
OCT. 14, 1988	4,951.0	--	5,125	583	247,162
DISTRICT 5 TOTAL					
NOV. 04, 1988	3,092.0	3,059.0	242	7	82,056 #
OCT. 28, 1988	3,092.0	--	163	--	82,177*
OCT. 21, 1988	3,092.0	--	324	6	82,899
OCT. 14, 1988	3,092.0	--	55	--	79,980
TOTAL U.S.					
NOV. 04, 1988	8,043.0	8,138.0	6,113	720	339,232 #
OCT. 28, 1988	8,043.0	--	4,990*	698	333,262*
OCT. 21, 1988	8,043.0	--	5,285	744	333,640
OCT. 14, 1988	8,043.0	--	5,180	583	327,142
NOV. 6, 1987	8,364.0 a/	--	5,950	668	354,203

#INCLUDES 24,932 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
NOV. 04, 1988	-55	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 04, 1988	16,682	68,855	159,813	11,826	257,176	82,056 #	339,232 #
OCT. 28, 1988	15,230	67,460	156,579	11,816	251,085	82,177*	333,262*
NOV. 6, 1987	17,074	71,225	173,214	12,617	274,130	80,073	354,203

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2]: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	33	--	33	--	--	--	162	131	2	--	--	328
Central Atlantic	162	5	157	58	--	40	168	654	38	139	74	1,333
Lower Atlantic	84	4	80	--	--	--	7	31	--	--	14	136
DISTRICT 1 TOTAL												
NOV. 04, 1988	279	9	270	58	--	40	337	816	40	139	88	1,797
OCT. 28, 1988	403	--	403	121	--	60	351	567	56	73	165	1,796
OCT. 21, 1988	457	3	454	45	--	49	302	495	22	171	50	1,591
OCT. 14, 1988	531	--	531	66	--	46	397	483	18	40	147	1,728
DISTRICTS 2-4 TOTAL												
NOV. 04, 1988	10	--	10	2	3	15	15	42	299	433	38	857
OCT. 28, 1988	13	--	13	--	3	14	12	26	208	165	171	612
OCT. 21, 1988	43	--	43	--	4	10	15	31	139	208	1	451
OCT. 14, 1988	11	--	11	6	3	24	18	45	251	168	120	646
DISTRICT 5 TOTAL												
NOV. 04, 1988	28	3	25	--	--	13	3	7	14	--	--	65
OCT. 28, 1988	25	--	25	--	--	24	2	7	25	--	--	83
OCT. 21, 1988	28	--	28	--	--	22	4	33	12	--	--	99
OCT. 14, 1988	39	--	39	--	--	3	4	5	13	--	--	64
TOTAL U.S.	317	12	305	60	3	68	355	865	353	572	126	2,719
TOTAL U.S. Weeks Ended:												
OCT. 28, 1988	441	--	441	121	3	98	365	600	289	238	336	2,491
OCT. 21, 1988	528	3	525	45	4	81	321	559	173	379	51	2,141
OCT. 14, 1988	581	--	581	72	3	73	419	533	282	208	267	2,438
NOV. 6, 1987	424	26	398	104	3	37	243	488	248	277	257	2,081

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

10/28/88	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,567
			TOTAL U.S.	14,262
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	1,206
			TOTAL U.S.	6,957
		UNLEADED MGAS	DISTRICT 5 TOTAL	933
			TOTAL U.S.	5,876
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	58,105
			DISTRICT 3 TOTAL	61,688
			DISTRICT 5 TOTAL	29,543
			TOTAL U.S.	214,570
			DISTRICTS 1-4	185,027
		UNLEADED MGAS	DISTRICT 2 TOTAL	38,543
			DISTRICT 3 TOTAL	37,355
			TOTAL U.S.	139,316
			DISTRICTS 1-4	124,009
		BLENDING COMPS	DISTRICT 5 TOTAL	7,809
			TOTAL U.S.	37,179
		UNFINISHED OILS	DISTRICT 5 TOTAL	28,833
			TOTAL U.S.	109,068
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,827
			TOTAL U.S.	4,990
		CRUDE OIL STOCKS	DISTRICT 5 TOTAL	82,177
			TOTAL U.S.	333,262
	PAGE 4 B	TOTAL	PAD DISTRICT 5	82,177
			TOTAL U.S.	333,262